G R S App F IX 4]

1943

File No 90-42

Previous References

(41)

Serial Nos 39, 45-

Later References

GENERAL AND REVENUE SECRETARIAT

Serial Nos ✓

Part B for March 43

SUBJECT

Changes in the thickness of manhole

To Rc Dra Supt
" Comptroller
" Dy Comr Blue Mts
" Chief Engr
L 8646-9 & 11243

Approves the proposal

4879/L Changes in thickness of manholes

Continuation Sheet ML File No 90 Current No 10 Low City Drainage Scheme of 1942 [illegible] Page 1

39

From Ch Draftsman

No C 81-6479 11 2 43

Request approval of Govt to the proposal of the Special officer, Low City Drainage Scheme to alter the thickness of the brick walls of the manholes, from 9" thickness upto 16 ft depth to 9" upto a depth of 10 ft and 1½ bk for larger depths.

It is stated that this structural change will result in savings of Cement & Masonry and the Chief Engineers proposal is acceptable to the Chief Engineer submitted for orders

Sd 15/2

Sd 15/2

whether Govt agreeable to adoption of the change in the thickness of manhole walls proposed above. The Dy Ch Engr has also directed the Special Officer to adopt the changes proposed in respect of works on which tenders will be called shortly.

The saving which is said to result in reasonable savings in the use of Cements may be approved in respect of the Armenagh Dept scheme.

Law Secy for 15/2/43

May be sanctioned as it is economical

Ans 15-2-43

Sd 16 2 43

for Ans. 17-2-43

5779

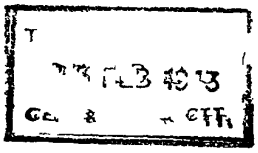
RECEIVED
LSG&PH
16 2 43
No 6557

4879

Continuation Sheet ml File No / Current No 90 1 of 42 Page

Draft for Please
17/4/43

sulid with a draft letter for appl



45 To The Dy P Health
The Controller
The Mr mnr. Bldg thro Dy
The Chy Engineer
No L 866-9 dy 24-2-43
Approves of the proposal

WEGPB—50 000—5-11-42

C F No 45]

GOVERNMENT OF MYSORE

T I g m ph

OFFICE OF
THE DIRECTOR OF PUBLIC HEALTH
IN MYSORE
BANGALORE.

No C 81-642
Encls one

Date February 11, 1943

The Secretary to Government,
Law Department, BANGALORE

Sir

Proposed change in the thickness of manhole brickwalls 9" thickness for depths up to 10 ft instead of 6 ft depths at present and 1 1/8' thickness for depths larger than 10 ft

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I have the honour to state that the Special Officer, Bangalore City Drainage Division asked for approval in his letter No 163 dated 9th January 1943 for keeping the thickness of manholes walls at 9" for depths up to 10 ft instead of 6 ft as at present and 1 1/8 foot thickness for depths larger than 10 ft As per the decisions of the Bangalore City Drainage Committee, the thickness of wirecut radial brick-in-cement walls constructed in manholes has hitherto been 9" upto a depth of 6 feet from the top and 1 1/8 foot for larger depths

The Chief Engineer who was addressed in the matter states that the proposal of the Special Officer may be accepted

The structural change will result in appreciable saving due to less quantity of unnecessary masonry constructed and will also save cement The Special Officer proposes that all manholes in case of works for which tenders will be called for in future, the thickness of manholes walls will be kept at 9" for depths upto 10 ft instead of 6 ft as at present and 1 1/8 foot thickness for depths larger than 10 ft He is this day instructed to adopt the change as proposed

I request you to be so good as to obtain and convey approval of Government to the structural change proposed

Copies of letter No 163 dated 9th January 1943 with enclosure of the Special Officer and letter No 13640 dated 30th January 1943 of the Chief Engineer are enclosed for the

are enclosed for the information of Government

I have the honour to be,

Sir,

Your most obedient servant,

Director of Public Health

KAJ

Letter N 163 dated 9th January 1943 frm the ɔpecial Officer, ɜaore Cit Drainage Division, Bangɹlore, to the Director of Public He lth in Mysore, Bangalore

Tnic.ness of manhole brick walls

I have t'e honour to state th t the thickness of wirecut radial brick-in-cement walls constructed in manholes has been 9" upto a depth of 6 feet from the top and 1 1/8 foot for larger depths Tɹe pressure to which these walls are subjected is external, uniform but uniformly varying with the depth and due to tne earth filling outside Calculations made which are submitted herewith, go to s'ow tnat a 14 feet heignt of brick-in-cem nt manhole wall of 9" thickness and 6 feet internal diameter could be safely constructed without exceeding a working compressive brick-in-cement masonry stress of 2 tons per square foot, which is itself low enough Hence, it is proposed that all manholes in case of works for which tenders will be called for in future, the thickness of mannoles walls will be kept at 9" for depths u to 10 feet instead of 6 feet as at present and 1 1/8 foot thickness will be adopted for depths l rger tn n 10 feet This structural change will result in appreciable savin, due to less quantity of unnecessary masonry constructed and will also save c m nt This structural change may kindly be approved

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Letter No 13640 dated 30th January 1943 from tne Chief Engineer of Mysore, Bangalore, to the Director of Public Health in Mysore, Bangalore

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Tnickness of manhole brick walls

With reference to your letter No C 81-593 dated 13th January 1943 I have tne honour toinform you that the suggestion of the Special Officer, City Drainage Division tn t tne thickness of the m nnole walls may be kept at 9" for depths up tp 10 ft instead of 6 ft as at pre ent and 1 1/8 foot thickness for depths larger than 10 feet may be accepted

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"Copied"

for Director of Public Health

G R S App F VI—G 2]

SUBJECT

Diary No of letter replied to

General and Revenue Secretariat

( )

the *193*

Date of issue 26/2 193

Signed by G. R Rao

May this be—

(i) printed ?

(ii) t e ted as a standing order ?

(ii) published in the Gazette English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette Kannada Part ?

Section ML

File No 90-42

Serial No 45

Proceedings of the Government of His Highness the Maharaja of Mysore

Read—Letter No C81-6428/11K Feb 1943 from the Dr of P Health requesting approval to the proposal of the Special Officer, Bangalore city Drainage Division approved by the Chief Engineer of Mysore, P W D for keeping the thickness of the manhole brickwalls at 9" for depths upto 10ft instead of 6ft as at present + 1½ foot thickness for depths larger than 10ft in connection with the city Drainage works, as the ~~proposal would economise~~

Said structural changes would result in appreciable saving due to less quantity of unnecessary ~~the use of Materials~~ masonry being constructed & would also help to encourage in the use of cement

order no 8646-9

Approved:

/s/
Horsey to Lovett
Wks
2/9/2 Gen Dept

To the Dr of P. Health
the Comptroller
... with our thanks
... very sympathetic

List of Enclosure

Copied by [illegible]

Examined by

WD 0564—GPB—22 500—9 1 39

PROCEEDINGS OF THE GOVERNMENOF HIS HIGHNESS

THE MAHARAJA OF MORE

R e a d -

Letter No C 81-642 dated 11ebruary 1943 from the Director of Public Health in Mysore requesting approval to the proposal of the Special Office Bangalore City Drainage Division approved by the Chief Engineer of Mysore Public Works Department for keeping thickness of the manhole brick walls at 9" for depths upto 10 ft instead of 6 ft as at present and 1½ foot thickness for depths - larger than 10 ft in connection with City Drainage works, as the said structural change would result in appreciable saving due to less quantity of unnecessary masonry being constructed and would also lead to economy in the use of cement

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O R D E R NO L8646 9/and 904 [illegible]

Dated, Bangalore, th 4th Feb 1943

A P P R O V E D

for Secretary to Government,
Public Works Department

To
The Director of Public Health in Mysore
The Comptroller to Government
The Municipal Commissioner, Bangalore
The Chief Engineer of Mysore

mk5